I hereby certify that this correspondence is being filed via EFS-Web with the United States Patent and Trademark Office on March 27, 2008

PATENT Attorney Docket No.: 082368-004800US Client Ref. No.: E1-A0204P-US

TOWNSEND and TOWNSEND and CREW LLP

By: /Terrie J. Rau/ Terrie J. Rau

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Kazuaki UMEDA et al

Application No.: 10/539,534

Filed: February 13, 2006

For: HIGHLY EFFICIENT GENE TARGETING VECTORS AND METHODS FOR GENE TARGETING IN EPITHELIAL CELL LINES

Customer No.: 20350

Mail Stop Amendment Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed February 28, 2008, please enter the following amendments and remarks:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 4 of this paper.

Confirmation No. 5990

Examiner: Sullivan, Daniel M.

Technology Center/Art Unit: 1636

AMENDMENT